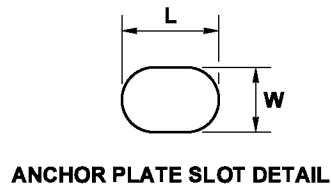


BASE TABLE				
ADAPTOR TYPE	ANCHOR BOLT (IN) ①	BOLT CIRCLE DIAMETER (IN) "BC" ②	EXISTING BASE TYPE	LUMINAIRE HEIGHT (± 2' - 6") ③
A-1	1"	11"	WELDED PLATE	③
A-2	1"	12 1/4"	CAST ALUMINUM	③
A-3	1"	12 3/4"	STEEL TRANSFORMER	③
A-4	1 1/8"	14 1/8"	2-PC. ALUM. CLAMP	④
A-5	1 1/4"	14 1/8"	2-PC. ALUM. CLAMP	40'

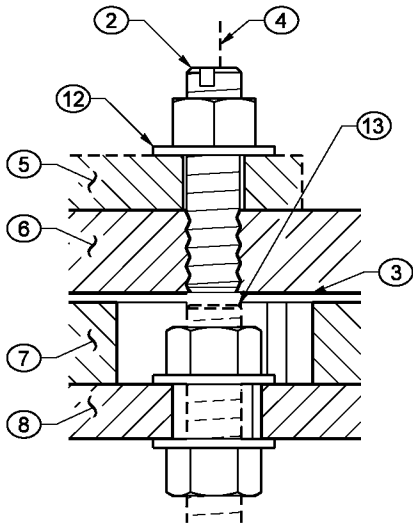
- ① USE MATCHING DIAMETER FOR THREADED STUDS.
- ② CONTRACTOR SHALL VERIFY BOLT CIRCLE "BC" IN THE FIELD BEFORE ORDERING. IF "BC" OR ANCHOR BOLT SIZES DIFFER FROM THOSE LISTED, CONTACT HQ BRIDGE AND STRUCTURES OFFICE.
- ③ 40' (FT) LUMINAIRE W/ 1 x 16' (FT) (MAX.) MAST ARM OR 35' (FT) LUMINAIRE W/ 2 x 16' (FT) MAST ARMS.
- ④ 50' (FT) LUMINAIRE W/ 1 x 16' (FT) (MAX.) MAST ARM OR 40' (FT) LUMINAIRE W/ 2 x 16' (FT) MAST ARMS - TOTAL WEIGHT 1000 LBS (MAX.).

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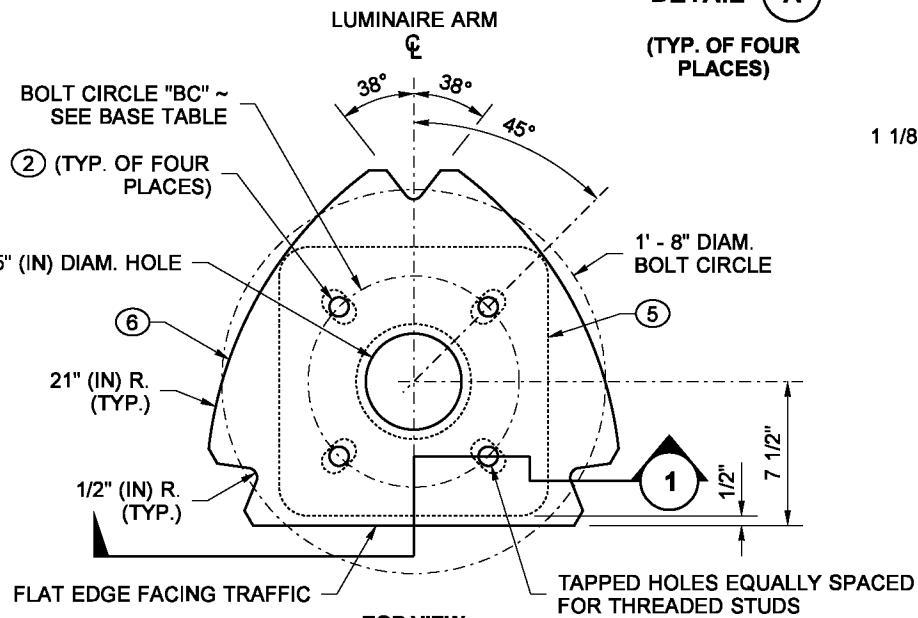


ANCHOR PLATE SLOT DETAIL

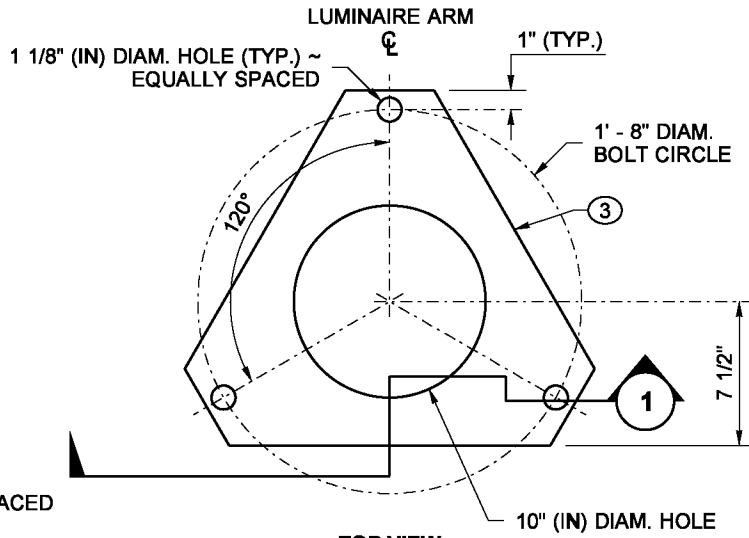
ANCHOR PLATE SLOT TABLE		
ANCHOR BOLT DIAMETER (IN)	SIZE	
	W (IN)	L (IN)
1"	1 1/4"	2"
1 1/8"	1 1/4"	2"
1 1/4"	1 1/2"	2 1/4"



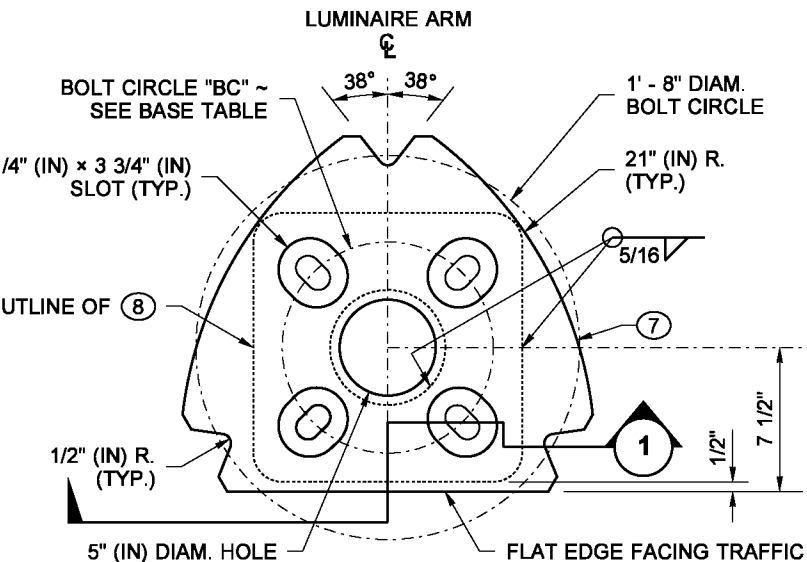
DETAIL A
(TYP. OF FOUR PLACES)



TOP VIEW
TOP SLIP PLATE ⑥



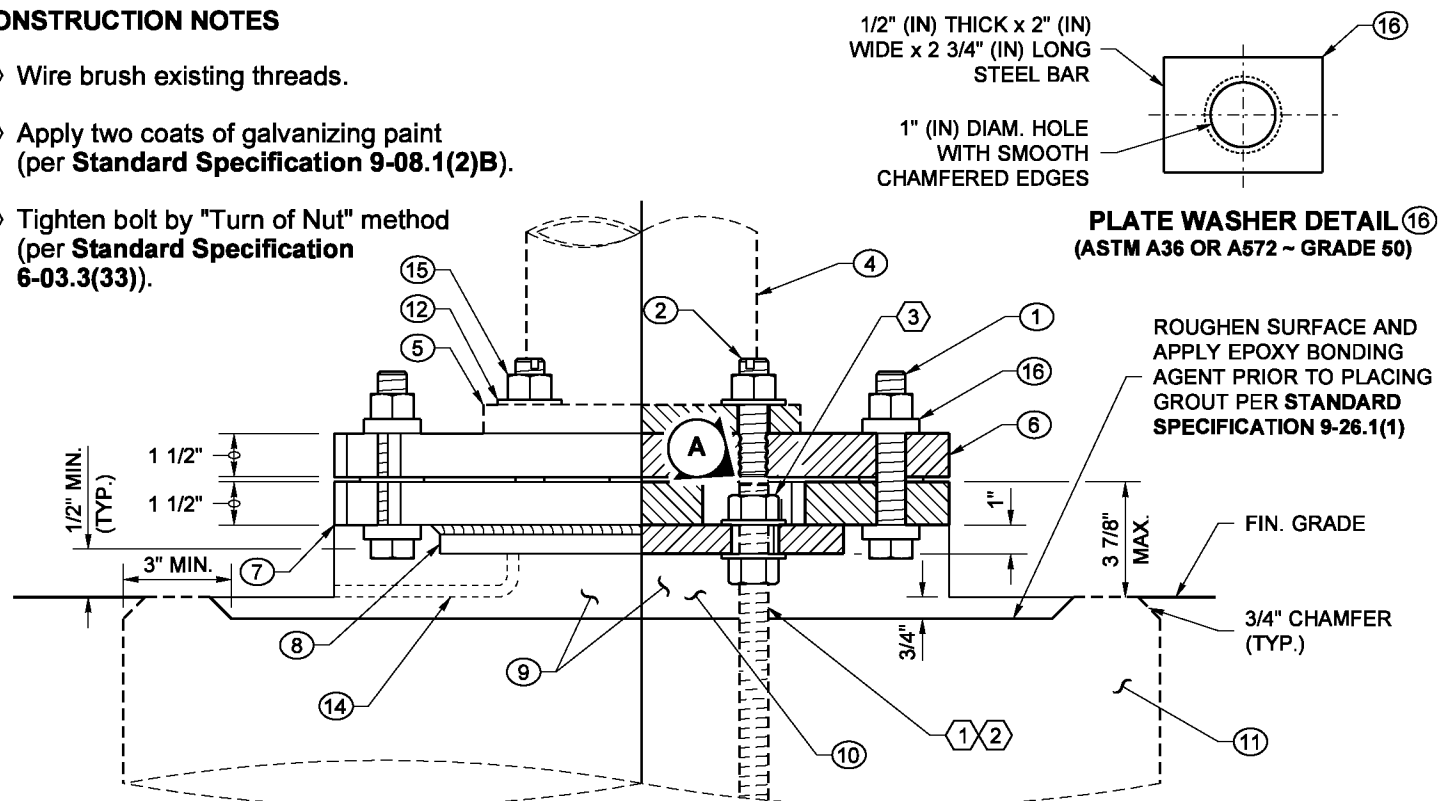
TOP VIEW
KEEPER PLATE ③



TOP VIEW
BOTTOM SLIP PLATE ⑦

CONSTRUCTION NOTES

- ① Wire brush existing threads.
- ② Apply two coats of galvanizing paint (per **Standard Specification 9-08.1(2)B**).
- ③ Tighten bolt by "Turn of Nut" method (per **Standard Specification 6-03.3(33)**).

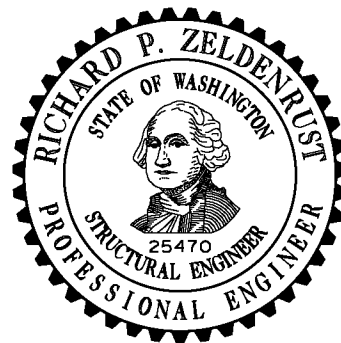


SECTION 1

KEY

- ① CLAMPING BOLTS, 7/8" (IN) DIAM. HEX HEAD BOLT AND NUT, TWO PLATE WASHERS, ONE HARDENED ROUND WASHER, 87 FT-LBS TORQUE (THREE CLAMPING BOLT ASSEMBLIES PER SLIP BASE) (PER **ASTM A325**)
- ② THREADED SLOTTED STUD ~ SEE BASE TABLE FOR DIAMETER, HARDENED WASHER, AND HEAVY HEX NUT (FOUR PER BASE PLATE) ~ INSERT STUD AND CENTER PUNCH AT BOTTOM PERIPHERY TO LOCK TAPPED STUD IN PLACE PRIOR TO GALVANIZING (PER **ASTM F1554 ~ GRADE 105**)
- ③ KEEPER PLATE ~ 0.0149" (IN) 28 GAGE PLATE (PER **ASTM A653 ~ COATING DESIGNATION G90**)
- ④ POLE WALL (EXISTING)

- ⑤ POLE BASE PLATE (EXISTING)
- ⑥ TOP SLIP PLATE (PER **ASTM A36**)
- ⑦ BOTTOM SLIP PLATE (PER **ASTM A36**)
- ⑧ ANCHOR PLATE (PER **ASTM A36**)
- ⑨ REMOVE GROUT (EXISTING WITH DRAIN)
- ⑩ NEW GROUT PAD WITH DRAIN
- ⑪ FOUNDATION (EXISTING)
- ⑫ HARDENED WASHER (PER **ASTM F436**)
- ⑬ ANCHOR BOLT (EXISTING) ~ TRIM TO CLEAR SLIP PLATE BY 1/8" (IN) MIN.
- ⑭ 3/8" (IN) DIAM DRAIN TUBE (PER **STANDARD SPECIFICATION 9-29.2(3)**)
- ⑮ HEAVY HEX NUT (TYP.) (PER **ASTM A563 ~ GRADE DH**)
- ⑯ PLATE WASHER



SLIP BASE ADAPTOR FOR 4-BOLT LIGHT STANDARD BASE STANDARD PLAN J-28.43-00

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION